



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** Marek T. Włodarczyk et al.

February 11, 2003

**Serial No.:** 10/030,260

**Art Unit:** 2855

**Filed:** 4/12/2002

**Examiner:** Jermaine L. Jenkins

**For:** TEMPERATURE COMPENSATED FIBER-OPTIC PRESSURE SENSOR

Assistant Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO EXAMINER'S ACTION DATED SEPTEMBER 12, 2002**

Sir:

**REMARKS**

In response to the examiner's action, the Specification has been amended by inserting "fiber-tip 26 and" at the end of line 33 on page 2 to correct an inadvertent error.

Claims 1-4 have been rejected as indefinite, and claims 1-4 have been rejected as anticipated by Włodarczyk. Reconsideration is respectfully requested in view of the attached amended claims and following considerations.

With respect to the rejection based on indefiniteness, the preamble in claim 1 has been amended to provide for the relationship between the optical fiber tip and the diaphragm for the type of sensor disclosed.

The coefficients of thermal expansion for virtually all materials of engineering importance, such as base metals, metal alloys, glasses, ceramics and rare or precious metals, are well known and generally available in handbooks or from the refiners and manufacturers.

Lines 4-27 on page 4 of applicants' specification detail the calculations for determining the

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JLJ